REGULATION III - CONTROL OF AIR CONTAMINANTS

RULE 300
VISIBLE EMISSIONS

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MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS

REGULATION III - CONTROL OF AIR CONTAMINANTS

RULE 300
VISIBLE EMISSIONS

SECTION 100 - GENERAL

101　**PURPOSE:**　To limit the emission of air contaminants into the ambient air by establishing standards for visible emissions and opacity.

102　**APPLICABILITY:**　This rule applies to visible emissions resulting from the discharge of any air contaminant into the ambient air except as otherwise provided in Section 302 of this rule.

SECTION 200 - DEFINITIONS:　For the purpose of this rule, the following definitions shall apply:

201　**INTERMITTENT SOURCE -** A source which causes or discharges visible emissions for a duration of less than six consecutive minutes.

202　**OPACITY -** A condition of the ambient air, or any part thereof, in which an air contaminant partially or wholly obscures the view of an observer.

203　**PERCENT OPACITY -** The degree to which an effluent plume or any other emission of air contaminants obscures the transmission of light expressed as a percentage.

204　**SHUT-DOWN -** The cessation of operation of any air pollution control equipment and/or process equipment for any purpose, except routine cycling of process equipment.

205　**START-UP -** The setting into operation of any air pollution control equipment and/or process equipment for any purpose, except routine cycling of process equipment.

206　**UNCOMBINED WATER -** Condensed water containing no more than analytical trace amounts of other chemical elements or compounds.

300.3

SECTION 300 - STANDARDS

301 LIMITATIONS - OPACITY/GENERAL: No person shall discharge into the ambient air from any single source of emissions any air contaminant, other than uncombined water, in excess of 20 percent opacity.

302 EXCEPTIONS:

302.1 Start-up and Shut-down: Visible emissions exceeding the opacity standards for short periods of time resulting from start-up, shut-down, soot blowing or unavoidable combustion irregularities which do not exceed three minutes in length shall not constitute a violation provided that the Control Officer finds that adequate control technology has been applied. This provision does not apply to incinerators.

302.2 Emergencies: Unavoidable combustion irregularities which exceed three minutes shall not constitute a violation of this rule providing the owner or operator demonstrates to the Control Officer's satisfaction that an emergency exists in accordance with Regulation I, Rule 100, Section 501.

302.3 Charging Electric Arc Furnaces: When charging or back-charging any electric arc furnace for which construction commenced prior to February 2, 1963, a person may discharge air contaminants, other than uncombined water, in excess of the applicable opacity limit in Section 301 for no more than an aggregate of three minutes in any 45 minute period; however, visible emissions resulting from such discharge of air contaminants shall not exceed 40 percent opacity.

SECTION 500 - MONITORING AND RECORDS

501 COMPLIANCE DETERMINATION - OPACITY: Opacity shall be determined by observations of visible emissions conducted in accordance with EPA Reference Method 9 except as provided in Section 502 of this rule.

502 COMPLIANCE DETERMINATION - OPACITY OF VISIBLE EMISSIONS FROM INTERMITTENT SOURCES: Opacity of visible emissions from intermittent sources shall be determined by observations conducted in accordance with EPA Reference Method 9, except that at least 12 rather than 24 consecutive readings shall be required at 15-second intervals for the averaging time.

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